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09/713,292	11/16/2000	R. Bruce Wallace	57983-000017	3714

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Thomas E Anderson  
Hunton & Williams  
1900 K Street NW  
Washington, DC 20006-1109

EXAMINER
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BRUCKART, BENJAMIN R

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 07/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/713,292	WALLACE ET AL.	
	Examiner	Art Unit	
	Benjamin R. Bruckart	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

*pu*

### **Detailed Action**

#### **Status of Claims:**

Claims 1-44 are pending in this Office Action.

#### **Response to Arguments**

In view of the appeal brief filed on 4/25/2005, PROSECUTION IS HEREBY REOPENED. New grounds set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

#### **Applicant's invention as claimed:**

**Claims 1-4, 7-8, 11-14, 17-18, 20-26, 29, 31-37, 39-42 are rejected under 35 U.S.C. 103(a) as being unpatentable by U.S. Patent No. 6,510,464 by Grantges in view of U.S. Patent No. 6,006,269 by Phaal.**

Regarding claim 1,

The Grantges reference teaches an internet customer access system (Grantges: col. 2, lines 60-65) comprising:

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a redirect receiving unit for receiving a redirected customer web site access request from a network server (Grantges: col. 6, lines 37-40; gateway; col. 4, lines 49-52; gateway receives request from proxy server);

a redirect unit for redirecting the customer to the web site (Grantges: col. 7, lines 1-22).

The Grantges reference does not explicitly state determining capacity.

The Phaal reference teaches generating a request for a capacity determination for the web site (Phaal: col. 5, lines 45-57; 63-65);

a capacity determination unit for determining if the web site has capacity to handle an additional customer (Phaal: col. 5, lines 45-57; 63- col. 6, line 15);

a notification unit for notifying the customer if the web site currently has insufficient capacity (Phaal: col. 6, lines 15-25); and

redirect unit for redirecting the customer to the web site if sufficient capacity is found (Phaal: col. 8, lines 36-41).

The Phaal reference further teaches the invention improves quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges while employing capacity determination as taught by Phaal in order to improve quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Claims 2-4, 7-8, 11-12 are rejected under the same rationale given above. In the rejections set forth, the examiner will address the additional limitations and point to the relevant teachings of Phaal and Grantges.

Regarding claim 2, the internet customer access system of claim 1, wherein the notification unit comprises a scheduling processor for scheduling access of the customer to the web site (Phaal: col. 6, lines 15-49).

Regarding claim 8, the Internet customer access system of claim 2, wherein the scheduling processor comprises means for providing appointment slots (Phaal: col. 7, line 18-22; col. 6, lines 16-49).

Regarding claim 3, the internet customer access system of claim 2, further comprising a customer identification unit for determining whether a customer has scheduled access to a web site (Phaal: col. 7, lines 60- col. 8, line 10).

Regarding claim 7, the internet customer access system of claim 3, wherein the notification unit comprises an update processor for informing a customer access system already possessing a tag of current accessibility status (Phaal: col. 6, lines 61- col. 7, line 3).

Regarding claim 4, the internet customer access system of claim 3, wherein the scheduling processor comprises means for attaching a tag to a customer system (Phaal: col. 6, lines 50-65).

Regarding claim 11, the internet customer access system of claim 1, wherein the notification unit comprises means for notifying a customer that the site is full (Phaal: col. 6, lines 1-25; lines 65-67).

Regarding claim 12, the internet customer access system of claim 1, wherein the notification unit comprises means for notifying a customer that replay options are available (Phaal: col. 6, lines 16-29; lines 65- col. 7, line 3).

Regarding claim 13,

The Grantges reference teaches an Internet customer access system (Grantges: col. 2, lines 60-65) comprising:

a redirect receiving unit for receiving a redirected customer web site access request from a network server (Grantges: col. 6, lines 37-40; gateway; col. 4, lines 49-52; gateway receives request from proxy server)

The Grantges reference does not explicitly state determining capacity.

The Phaal reference teaches generating a request for a capacity determination for the web site (Phaal: col. 5, lines 45-57; 63-65);

a capacity determination unit for determining if the web site has capacity to handle an additional customer (Phaal: col. 5, lines 45-57; 63- col. 6, line 15);

a scheduling processor for scheduling access of the customer to the web site if the capacity determination unit indicates that no current capacity exists (Phaal: col. 6, lines 15-49).

a customer identification unit for determining whether the customer has scheduled access to the web site (Phaal: col. 7, lines 60- col. 8, line 10).

The Phaal reference further teaches the invention improves quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges while employing capacity determination as taught by Phaal in order to improve quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Claims 14, 17-18, 20 are rejected under the same rationale given above. In the rejections set forth, the examiner will address the additional limitations and point to the relevant teachings of Phaal and Grantges.

Regarding claim 14, the Internet customer access system of claim 13 wherein the scheduling processor comprises means for attaching a tag to the customer system (Phaal: col. 6, lines 50-65).

Regarding claim 17, the internet customer access system of claim 14, further comprising a notification unit having an update processor for informing a customer access system already possessing a tag of current accessibility status (Phaal: col. 6, lines 61- col. 7, line 3).

Regarding claim 18, the Internet customer access system of claim 14, wherein the scheduling processor comprises means for providing appointment slots (Phaal: col. 7, line 18-22; col. 6, lines 16-49).

Regarding claim 20, the internet customer access system of claim 1, wherein the notification unit having means for notifying a customer that the site is full (Phaal: col. 6, lines 1-25; lines 65-67).

Regarding claim 21, a method for regulating access to a web site (Grantges: col. 2, lines 60-65), the method comprising the steps of:

receiving a redirected customer web site access request from a network server (Grantges: col. 6, lines 37-40; gateway; col. 4, lines 49-52; gateway receives request from proxy server);

The Grantges reference does not explicitly state determining capacity.

The Phaal reference teaches determining if the web site has capacity to handle an additional customer (Phaal: col. 5, lines 45-57; 63- col. 6, line 15);

redirecting the customer to the web site if sufficient capacity is found (Phaal: col. 8, lines 36-41); and

notifying the customer if insufficient capacity is found (Phaal: col. 8, lines 36-41).

The Phaal reference further teaches the invention improves quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges while employing

capacity determination as taught by Phaal in order to improve quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Claims 21-26, 29, 31-35 are rejected under the same rationale given above. In the rejections set forth, the examiner will address the additional limitations and point to the relevant teachings of Phaal and Grantges.

Regarding claim 22, regulating access to a website method of claim 21, notifying the customer that replay options are available (Phaal: col. 6, lines 16-29; lines 65- col. 7, line 3).

Regarding claim 23, the method of claim 21, further comprising determining whether the customer has a tag (Phaal: col. 12, lines 10-18).

Regarding claim 24, the method of claim 23, further comprising determining whether the tag is valid (Phaal: col. 10, lines 12-22; Grantges: col. 11, lines 60- col. 12, line 8).

Regarding claim 25, the method of claim 24, further comprising redirecting the customer to the web site if the tag is valid (Phaal: col. 11, line 65- col. 12, lines 18).

Regarding claim 26, the method of claim 22, further comprising determining if the tag is expired (Phaal: col. 8, lines 15-18; Grantges: col. 11, line 60- col. 12, line 8).

Regarding claim 29, the method of claim 21, further comprising scheduling customer access if insufficient capacity is found (Phaal: col. 6, lines 15-49).

Regarding claim 31, the method of claim 29, wherein scheduling comprises providing the customer with an appointment (Phaal: col. 7, line 18-22; col. 6, lines 16-49).

Regarding claim 32, the method of claim 29, wherein scheduling comprises leaving a tag on the customer system and providing the customer with a finite time for which the tag is valid (Phaal: col. 6, lines 50-65; col. 10, lines 12-22)



Regarding claim 33, the method of claim 29, further comprising determining whether a visitor has previously scheduled access to the web site (Phaal: col. 7, lines 60- col. 8, line 10).

Regarding claim 34, the method of claim 33, further comprising providing a customer with updated position information (Phaal: col. 11, lines 60- col. 12, line 18; countdown).

Regarding claim 35, the method of claim 33, further comprising offering a cancellation (Phaal: col. 6, lines 64- col. 7, line 11) and rescheduling option upon providing updated position information (Phaal: col. 13, lines 28-35; col. 14, lines 25-42; Fig 6b; a deferred message is received at its appointment but no resources are available so the message is deferred again).

Regarding claim 36,

The Grantges reference teaches a method for regulating access to a web site (Grantges: col. 2, lines 60-65), the method comprising the steps of:

receiving a redirected customer web site access request from a network server (Grantges: col. 6, lines 37-40; gateway; col. 4, lines 49-52; gateway receives request from proxy server).

The Grantges reference does not explicitly state determining capacity.

The Phaal reference teaches determining if the web site has sufficient capacity to handle an additional customer (Phaal: col. 5, lines 45-57; 63- col. 6, line 15).

scheduling access of the customer to the web site if insufficient capacity is found (Phaal: col. 6, lines 15-49) and

determining whether a customer has previously scheduled access to the web site (Phaal: col. 7, lines 60- col. 8, line 10).

The Phaal reference further teaches the invention improves quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges while employing capacity determination as taught by Phaal in order to improve quality of service and provides a service to clients even when refused (Phaal: col. 2, lines 5-28).

Claims 37, 39-44 are rejected under the same rationale given above. In the rejections set forth, the examiner will address the additional limitations and point to the relevant teachings of Phaal and Grantges.

Regarding claim 37, the method of claim 36, wherein scheduling access comprises scheduling an appointment for the customer (Phaal: col. 7, line 18-22; col. 6, lines 16-49).

Regarding claim 39, the method of claim 36, wherein scheduling access comprises providing the customer with a tag (Phaal: col. 6, lines 50-67).

Regarding claim 40, the method of claim 36, further comprising redirecting the customer to the web site if sufficient capacity is found (Phaal: col. 8, lines 36-41).

Regarding claim 41, the method of claim 36, wherein determining whether a customer has previously scheduled access to the web site comprises determining whether a customer has a tag (Phaal: col. 7, lines 60- col. 8, line 10).

Regarding claim 42, the method of claim 41, further comprising redirecting the customer to the web site if the tag is valid (Phaal: col. 11, line 65- col. 12, lines 18).

**Claims 5-6, 15-16, 28 are rejected under 35 U.S.C. 103(a) as being unpatentable by U.S. Patent No. 6,510,464 by Grantges in view of U.S. Patent No. 6,006,269 by Phaal in further view of U.S. Publication No. 2003/0041263 by Devine et al.**

Regarding claim 5,

The Grantges and Phaal references teach encryption and tags that are cookies but do not explicitly state an encrypted cookie.

The Devine reference teaches the use of encrypted cookies (Devine: page 15, claim 11 part c).

The Devine reference further teaches the invention uses security features to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while employing an encrypted cookie as taught by Devine in order to use security features to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13)

Claim 6 is rejected under the same rationale given above. In the rejections set fourth, the examiner will address the additional limitations and point to the relevant teachings of Phaal, Grantges and Devine.

Regarding claim 6, the internet customer access system of claim 4, wherein the customer identification unit comprises means for detecting the tag on the customer system (Phaal: col. 12, lines 10-18) and means for removing the tag from the customer system (Devine: page 11, para 125).

Regarding claim 15,

The Grantges and Phaal references teach encryption and tags that are cookies but do not explicitly state an encrypted cookie.

The Devine reference teaches the use of encrypted cookies (Devine: page 15, claim 11 part c).

The Devine reference further teaches the invention uses security features to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while employing an encrypted cookie as taught by Devine in order to use security features to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13).

Claim 16 is rejected under the same rationale given above. In the rejections set fourth, the examiner will address the additional limitations and point to the relevant teachings of Phaal, Grantges and Devine.

Regarding claim 16, the internet customer access system of claim 4, wherein the customer identification unit comprises means for detecting the tag on the customer system (Phaal: col. 12, lines 10-18) and means for removing the tag from the customer system (Devine: page 11, para 125).

Regarding claim 28,

The Grantgas and Phaal references teach the method of claim 21, wherein redirecting the customer to the web site comprises the steps of determining if the customer has a tag (Phaal: col. 12, lines 10-18).

The Grantgas and Phaal references do not explicitly state removing a tag.

The Devine reference teaches removing a tag if present (Devine: page 11, para 125).

The Devine reference further teaches the invention uses security features to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while employing an encrypted cookie as taught by Devine in order to use security features

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to prevent traditional hacker attacks that comprise the system and its data (Devine: page 1, para 13).

**Claims 9-10, 19, 30 , 38 are rejected under 35 U.S.C. 103(a) as being unpatentable by U.S. Patent No. 6,510,464 by Grantges in view of U.S. Patent No. 6,006,269 by Phaal in further view of U.S. Patent No 4,788,715 by Lee.**

Regarding claim 9,

The Grantges and Phaal references teach the Internet customer access system of claim 3 with scheduling and providing an estimated service time (Phaal: col. 6, lines 19-49).

The Grantges and Phaal references do not explicitly state providing the customer with a position in a queue.

The Lee reference teaches wherein means for providing the customer with a position in a queue (Lee: col. 3, lines 35-41) and means for providing an estimated service time (Lee: col. 3, lines 35-41).

The Lee reference further teaches the invention allows the customer to make informed decisions about whether to wait before availability (Lee: col. 1, lines 24-40; col. 2, lines 14-16)

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while placing the customer in a queue and providing estimated service time as taught by Lee in order to allow the customer to make informed decisions (Lee: col. 1, lines 24-40; col. 2, lines 14-16).

Claim 10 is rejected under the same rationale given above. In the rejections set fourth, the examiner will address the additional limitations and point to the relevant teachings of Grantges, Phaal and Lee.

Regarding claim 10, the internet customer system of claim 9, providing a customer with an updated place in the queue (Lee: col. 6, lines 20-26).

Regarding claim 19,

The Grantges and Phaal references teach the Internet customer access system of claim 14 with scheduling and providing an estimated service time (Phaal: col. 6, lines 19-49).

The Grantges and Phaal references do not explicitly state providing the customer with a position in a queue.

The Lee reference teaches wherein means for providing the customer with a position in a queue (Lee: col. 3, lines 35-41) and means for providing an estimated service time (Lee: col. 3, lines 35-41).

The Lee reference further teaches the invention allows the customer to make informed decisions about whether to wait before availability (Lee: col. 1, lines 24-40; col. 2, lines 14-16)

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while placing the customer in a queue and providing estimated service time as taught by Lee in order to allow the customer to make informed decisions (Lee: col. 1, lines 24-40; col. 2, lines 14-16).

Regarding claim 30,

The Grantges and Phaal references teach a method of regulating access to a website.

The Grantges and Phaal references do not explicitly state wherein providing the customer with a position in a queue.

The Lee reference teaches wherein scheduling comprises providing the customer with a position in a queue (Lee: col. 3, lines 35-41).

The Lee reference teaches wherein means for providing the customer with a position in a queue (Lee: col. 3, lines 35-41) and means for providing an estimated service time (Lee: col. 3, lines 35-41).

The Lee reference further teaches the invention allows the customer to make informed decisions about whether to wait before availability (Lee: col. 1, lines 24-40; col. 2, lines 14-16)

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while placing the customer in a queue and providing estimated service time as taught by Lee in order to allow the customer to make informed decisions (Lee: col. 1, lines 24-40; col. 2, lines 14-16).

Regarding claim 38,

The Grantges and Phaal references teach the method of claim 36.

The Grantges and Phaal references do not explicitly state the use assigning of a customer to a queue.

The Lee reference teaches assigning the customer a position in a queue (Lee: col. 3, lines 35-41).

The Lee reference further teaches the invention allows the customer to make informed decisions about whether to wait before availability (Lee: col. 1, lines 24-40; col. 2, lines 14-16)

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Grantges and Phaal while placing the customer in a queue and providing estimated service time as taught by Lee in order to allow the customer to make informed decisions (Lee: col. 1, lines 24-40; col. 2, lines 14-16).

**Claim 27, 43 and 44 are rejected under 35 U.S.C. 103(a) as being unpatentable by U.S. Patent No. 6,510,464 by Grantges in view of U.S. Patent No. 6,006,269 by Phaal in further view of U.S. 6,742,016 by Bhoj et al.**

Regarding claim 27,

The Phaal and Grantges references teach the method of claim 26, further comprising providing the customer with an updated status if the tag is not expired (Phaal: col. 11, lines 60-65) and performing scheduling operations (Phaal: col. 6, lines 15-49).

The Phaal and Grantges references do not explicitly state performing operations if the tag is expired.

The Bhoj reference teaches performing operations if the tag is expired (Bhoj: col. 8, lines 62 – col. 9, line 9).

The Bhoj reference further teaches the invention protects against excessive load conditions and provides greater quality of service (Bhoj: col. 1, lines 43-55).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Phaul and Grantges while performing operations with an expired tag as taught by Bhoj in order to protect against excessive load conditions and provides greater quality of service (Bhoj: col. 1, lines 43-55).

Regarding claim 43,

The Phaal and Grantges references teach the method of claim 42, and performing scheduling operations (Phaal: col. 6, lines 15-49).

The Phaal and Grantges references do not explicitly state performing operations if the tag is expired.

The Bhoj reference teaches performing operations if the tag is expired (Bhoj: col. 8, lines 62 – col. 9, line 9).

The Bhoj reference further teaches the invention protects against excessive load conditions and provides greater quality of service (Bhoj: col. 1, lines 43-55).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create the internet customer access system as taught by Phaul and Grantges while performing operations with an expired tag as taught by Bhoj in order to protect against excessive load conditions and provides greater quality of service (Bhoj: col. 1, lines 43-55).

Claim 44 is rejected under the same rationale given above. In the rejections set fourth, the examiner will address the additional limitations and point to the relevant teachings of Grantges, Phaal and Bhoj.

Regarding claim 44, the method of claim 43, further comprising performing update processing if the tag is not yet valid and is not yet expired (Phaal: col. 11, lines 60-col. 12, lines 18).



*Prior Art*

U.S. Publication No. 2001/0023442 by Masters teaches inserting and examining cookies with connections and sessions and canceling the session.

U.S. Patent No. 6,230,205 by Garrity et al teaches delivery of content with schedule transport of data.

U.S. Patent No. 6,360,270 by Cherkasova et al teaches admission control with deferring messages and sessions using messages.

*Conclusion*

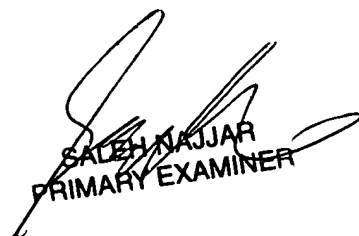
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin R. Bruckart whose telephone number is (571) 272-3982. The examiner can normally be reached on 8:00-5:30PM with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Benjamin R Bruckart  
Examiner  
Art Unit 2155  
brb

6/15/07

  
SALEH NAJJAR  
PRIMARY EXAMINER